

Texas Department of Public Safety Texas Division of Emergency Management

Texas State Operations Center



Situation Awareness Brief



Wednesday, November 29th 2017
As of 0900 CST

Tropical Weather Awareness



Five-Day Graphical Tropical Weather Outlook National Hurricane Center Miami, Florida



Current Disturbances and Five-Day Cyclone Formation Chance: ✖ < 40% ✖ 40-60% ✖ > 60%
Tropical or Sub-Tropical Cyclone: ○ Depression 🌀 Storm 🌀 Hurricane
⊗ Post-Tropical Cyclone ✖ Remnants

Incidents Reported to the State Operations Center (last 24 hours)

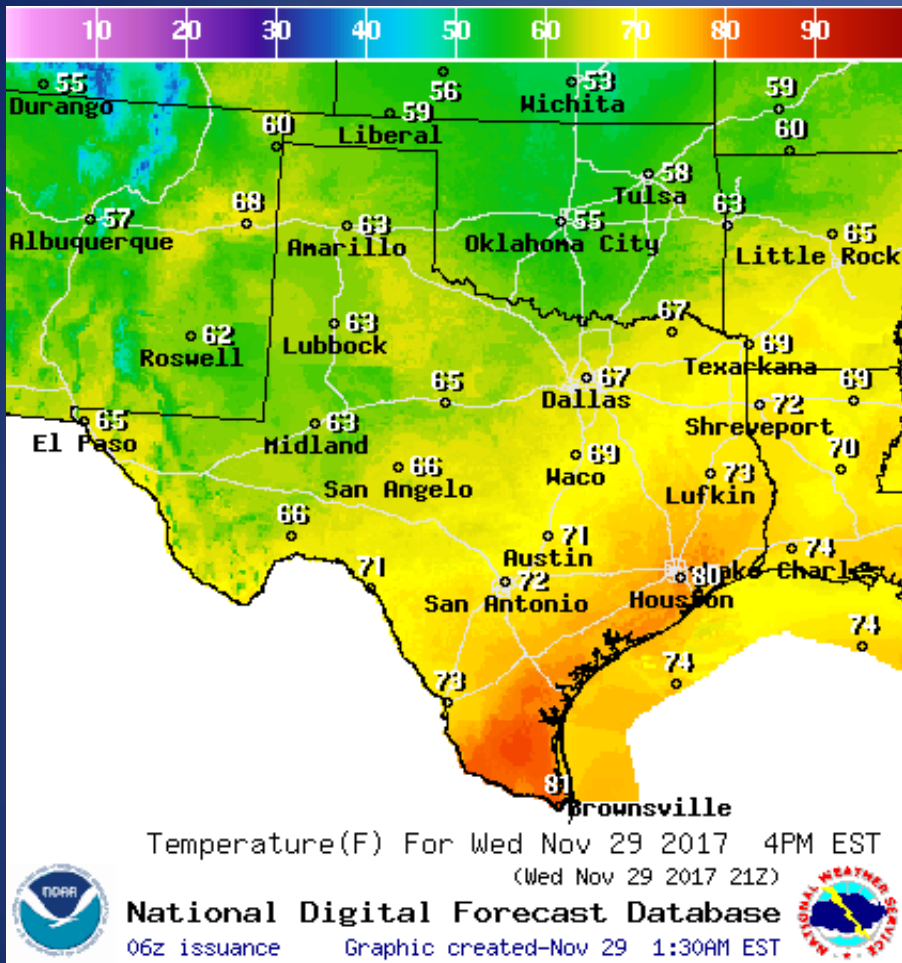
| DATE | EVENT / INCIDENT | LOCATION (City/County) | Final Report: Y/N |
|----------|---|-------------------------------|-------------------------|
| 11/28/17 | Preliminary Report of an Earthquake (M 2.6) affecting Western Texas | Surry County | Y |
| 11/28/17 | Initial Report of the 1061 Fire | Potter County | N |
| 11/28/17 | Update to Report of the 1061 Fire | Potter County | N |
| 11/28/17 | Silver Alert Request from the Rio Grande City Police Department | Rio Grande City/ Starr County | Y |
| 11/28/17 | Report of the Harill Fire | Hunt County | Y |
| 11/28/17 | Initial Report of a Silo Fire | Fannin County | N |
| 11/28/17 | Initial Report of a Road Closure (IH 35N) | La Salle County | N |
| 11/29/17 | Final Report of a Road Closure (IH 35N) | La Salle County | Y |

Informational Products

Distributed by the State Operations Center

| DATE | SUBJECT |
|----------|---|
| 11/28/17 | NWS Midland/Odessa - Fire Danger Statement - West Texas |
| 11/29/17 | Daily NWS Threat Brief for Wednesday, November 29, 2017 for FEMA Region 6 |

Weather Forecast

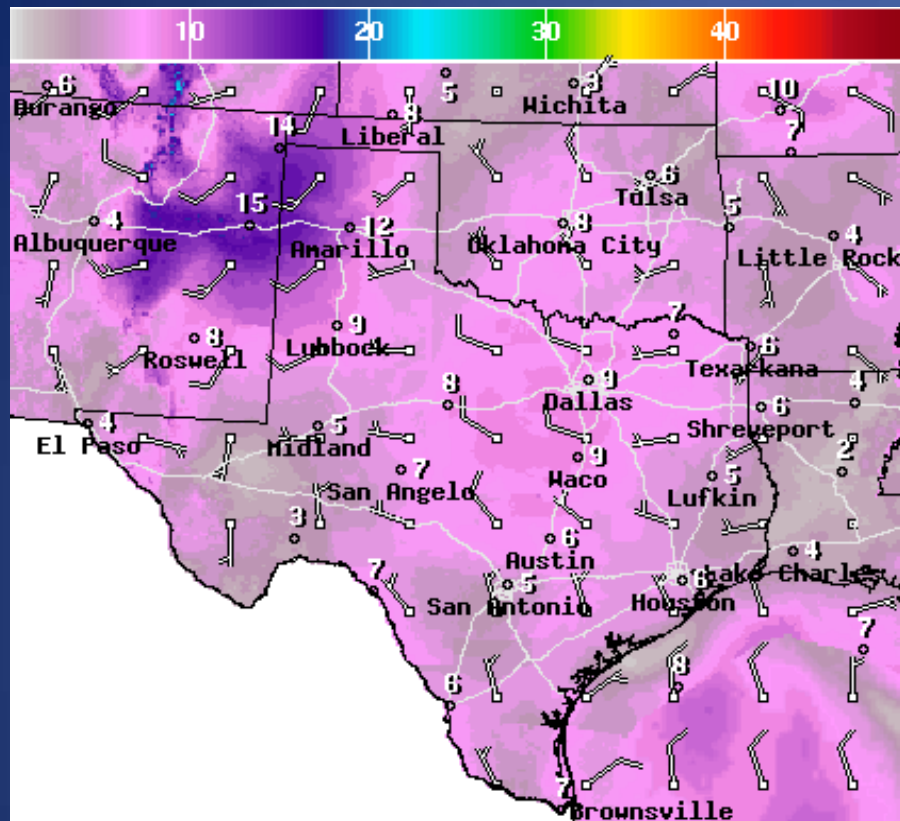


Highs



Lows

Weather Forecast



WindSpd(Kts) & WindDir For Wed Nov 29 2017 4PM EST

(Wed Nov 29 2017 21Z)



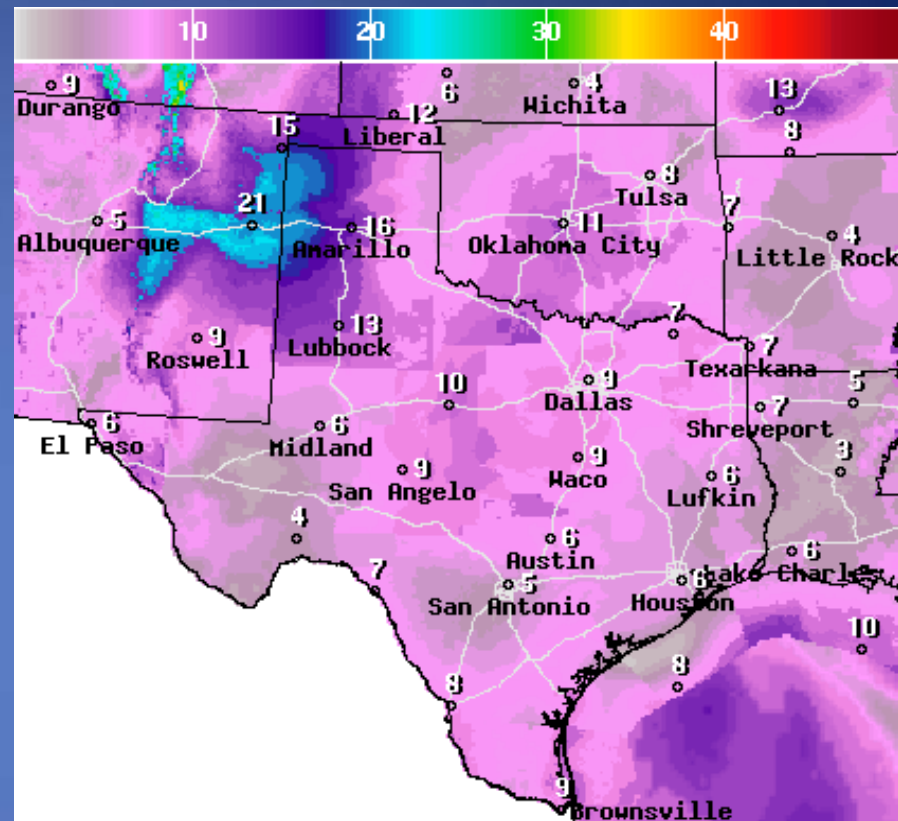
National Digital Forecast Database

05z issuance

Graphic created-Nov 29 12:28AM EST



Wind Speeds



Wind Gust(Kts) Wed Nov 29 2017 4PM EST

(Wed Nov 29 2017 21Z)



National Digital Forecast Database

05z issuance

Graphic created-Nov 29 12:49AM EST



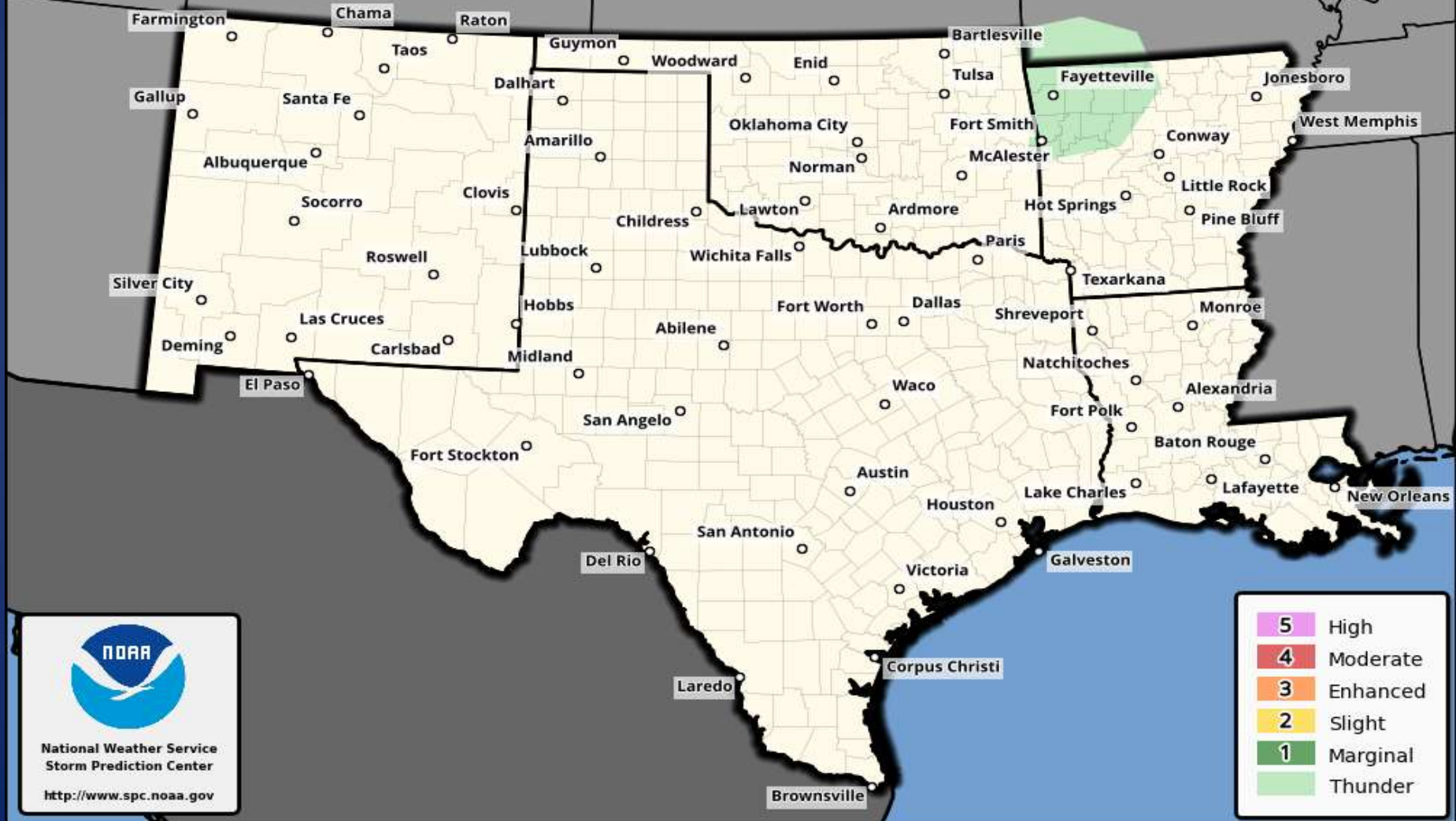
Gusts

Hazardous Weather

Highlighted Area: FEMA Region 6

Last Updated: Nov 29 2017 0639 AM CST
Valid Until: Nov 30 2017 0600 AM CST

Severe Weather Outlook Wednesday, November 29, 2017



National Weather Service
Storm Prediction Center

<http://www.spc.noaa.gov>

Hazardous Weather

Regional Outlook 11/29/2017

| Broken Bow | Texarkana | El Dorado | Tyler | Shreveport | Monroe | Natchitoches | Lufkin |
|--|---|---|---|---|---|---|---|
| Today | Today | Today | Today | Today | Today | Today | Today |
|  SHOWERS |  SHOWERS |  SHOWERS |  |  SHOWERS |  SHOWERS |  SHOWERS |  Fog |
| 20% | 20% | 20% | | 20% | 30% | 20% | |
| 66 | 73 | 74 | 70 | 75 | 75 | 76 | 75 |
| Tonight | Tonight | Tonight | Tonight | Tonight | Tonight | Tonight | Tonight |
|  |  |  SHOWERS |  |  |  SHOWERS |  |  |
| 47 | 49 | 49 | 48 | 50 | 54 | 52 | 47 |

Look for a mostly cloudy and warm conditions today, with temperatures climbing into the upper 60s over extreme Northeast Texas, and into the lower and mid 70s across the remainder of East Texas. Areas of dense fog will be possible this morning over portions of Lower East Texas. A mostly cloudy sky but cooler conditions are expected tonight as a weak cold front moves through the area. Look for temperatures to fall into the upper 40s to lower and mid 50s tonight.

Wednesday Highs/Rain

High temperatures and rain chances 6am through 6pm

Weather Forecast Office
Lake Charles, LA

Issued Nov 28, 2017 7:48 PM CST



Wednesday: Scattered showers expected throughout the day with temperatures topping out in the mid 70s.

Hazardous Weather



Today

Weak Front Moves Through South Texas



- ☐ Partly to mostly cloudy skies
- ☐ Low chance of showers mainly over western parts of the area

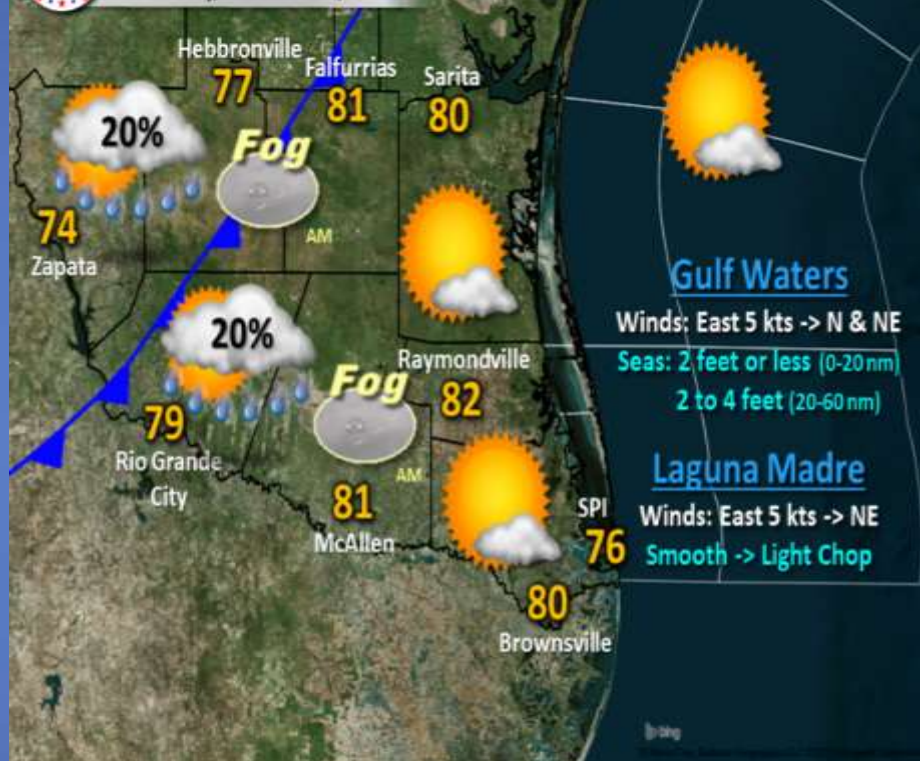
Issued at 6:15 AM - November 29, 2017

A weak cold front will move through South Texas this morning. Some isolated showers will be possible mainly over western parts of the area. Despite the cold front moving through the area, temperatures will be slightly above normal today.



Weak Cold Front Brings Temps to Near Normal

Wednesday, November 29, 2017



Gulf Waters

Winds: East 5 kts -> N & NE
Seas: 2 feet or less (0-20 nm)
2 to 4 feet (20-60 nm)

Laguna Madre

Winds: East 5 kts -> NE
Smooth -> Light Chop

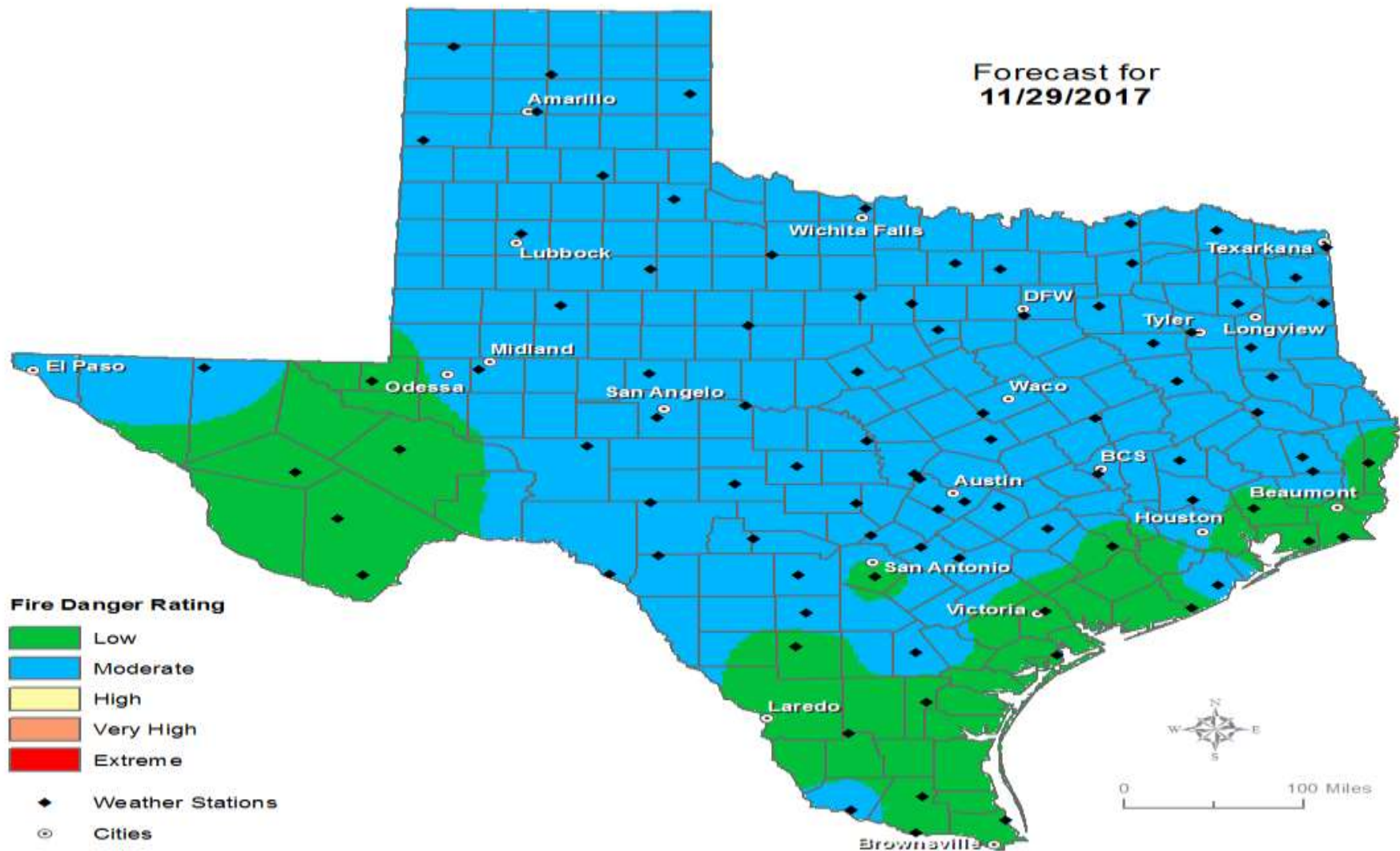
Patchy fog is possible early this morning. Motorists are advised to drive with caution, use low beam headlights and avoid tailgating in areas of fog. A weak cold front will push through deep south Texas and the Rio Grande Valley today, bringing temperatures in the northern ranchlands to near-normal values in the mid to upper 70s. Isolated showers are possible, mainly along the upper valley and south Texas brush country. For the mariners, aside from a wind shift by this afternoon to more northerly or northeasterly winds, water conditions remain quite favorable in coastal and nearshore waters especially.

Weather Warning/Advisories Issued

| DATE | WARNING TYPE | LOCATION |
|----------|--------------------|---|
| 11/28/17 | High Wind Warning | Culberson County |
| 11/28/17 | Dense Fog Advisory | Brazoria, Chambers, Fort Bend, Galveston, Grimes, Harris, Liberty, Matagorda, Montgomery, San Jacinto, Walker, Waller and Wharton Counties |
| 11/29/17 | Dense Fog Advisory | Angelina, Austin, Brazos, Burleson, Calhoun, Cherokee, Colorado, Harrison, Houston, Jackson, Madison, Nacogdoches, Panola, Polk, Rusk, San Augustine, Shelby, Trinity, Victoria and Washington Counties |

Fire Danger Forecast

Forecast Fire Danger



Burn Bans and KBDI INDEX

OUTDOOR BURN BANS

November 29, 2017



Counties without Established Burn Bans
Counties with Established Burn Bans

Email updates to:
burnban@tfs.tamu.edu

Counties with Burn Bans: 70

Abernathy
Adkins
Armstrong
Bailey
Baylor*
Bell
Beck
Brooks
Callahan
Carr
Cochran
Coke
Coleman
Comanche
Concho
Cotton
Crockett
Crosby
Culberson
Dallam
Dawson
Eastland
El Paso
Ellis
Falls
Farren
Freestone
Garza
Glasscock
Haskell
Hutchinson
Jeff Davis
Jim Hogg
Johnson*
Kendall
Kent*
Kleberg
Lamar
Lamb
Lampasas
Limestone
Llano
Marion
Martin
Mason
McCulloch
Menard
Moore
Morley
Ochiltree
Pecos

DISCLAIMER

County Burn Ban Orders are established by County Judges and/or County Commissioners Courts. The Texas A&M Forest Service is not responsible for establishing or removing burning bans. The Texas A&M Forest Service is only displaying this information as a public service.

For More Information Please Contact Your Local County Judge's Office or County Website

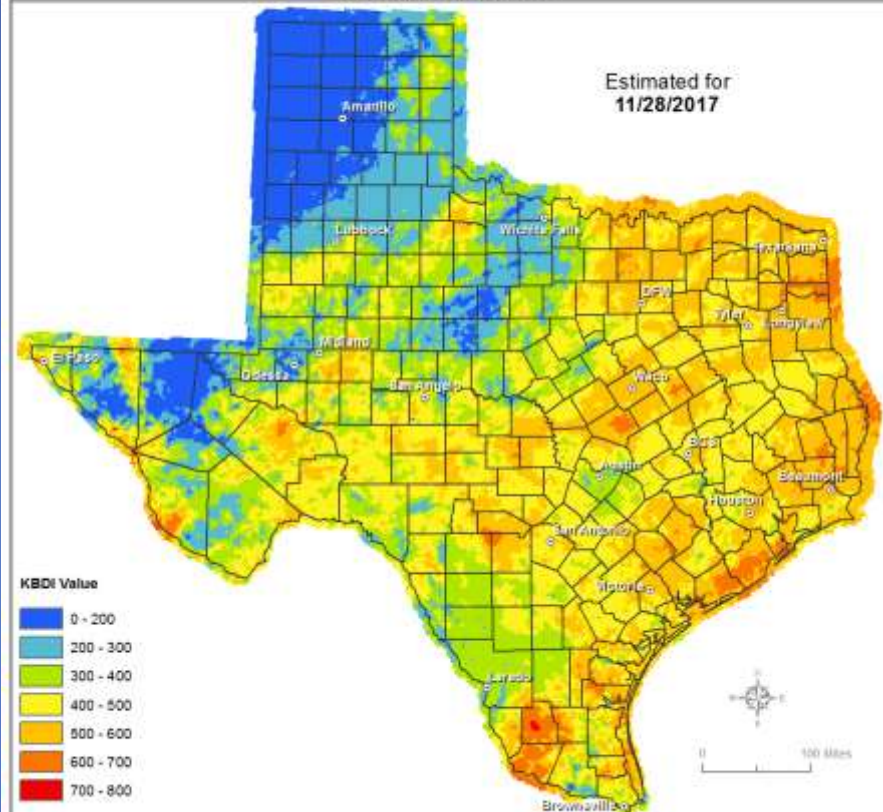
RED FLAG WARNINGS: www.weather.gov
Burn Ban RSS feed available at <http://tfs.tamu.edu/wildfires/BurnBan.xml>

* Burn Ban is effect during a Red Flag Warning day
* Burn Ban is effect daily with County for specific

Keetch-Byram Drought Index

(4 km x 4 km resolution)

Estimated for
11/28/2017



TEXAS A&M
AGRI LIFE
RESEARCH

Produced by TAMU Spatial Sciences Laboratory
in partnership with Texas A&M Forest Service

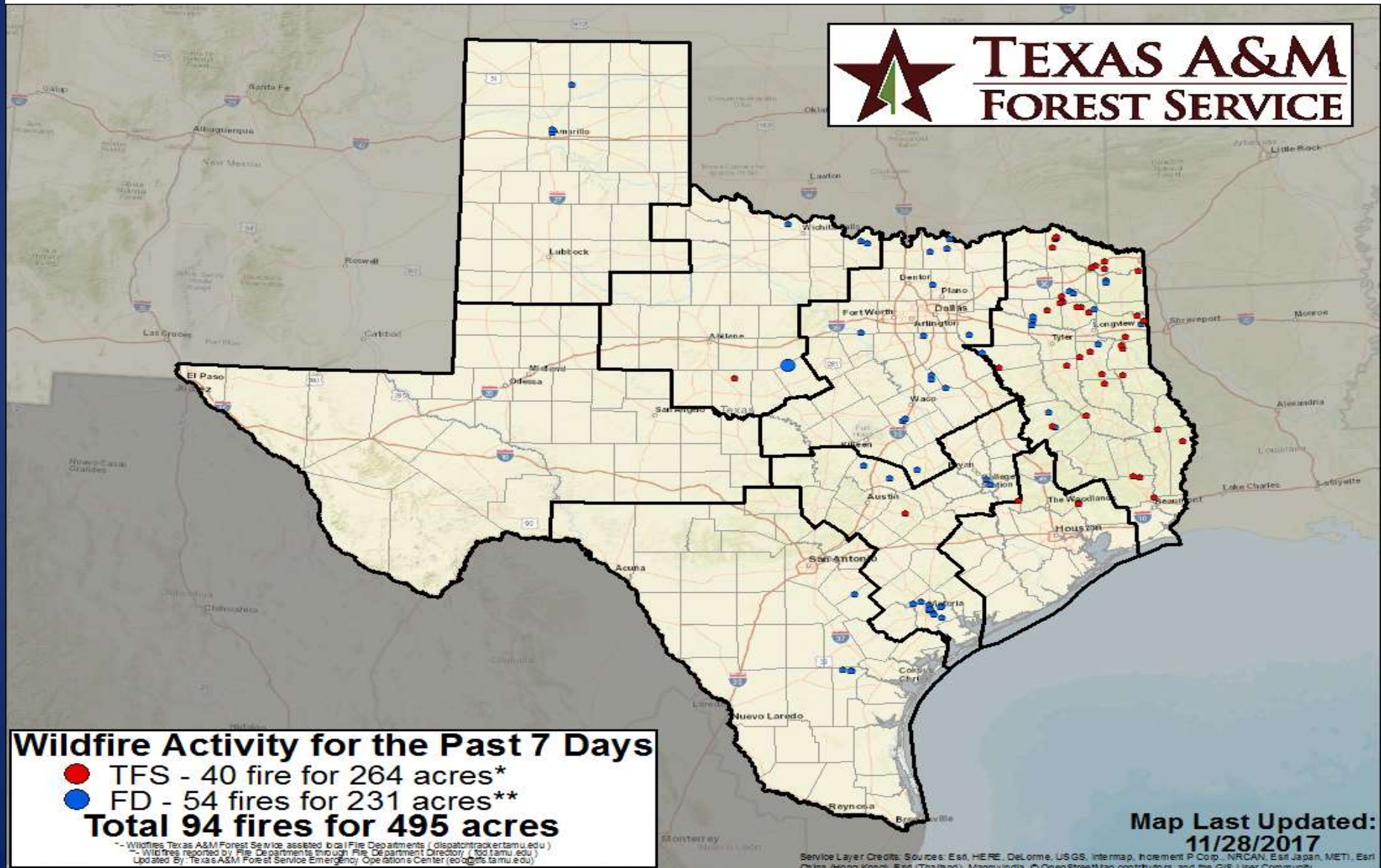
TEXAS A&M
FOREST SERVICE

Fire Weather Warnings/Watches/Statements

| DATE | WARNING TYPE | LOCATION |
|----------|-----------------------|------------|
| 11/28/17 | Fire Danger Statement | West Texas |

Fire Activity (*Last 24 Hours)

Reports 800 (+12) fires and 661,881 (+53) acres destroyed this year. There are 70 (+8) counties with burn bans. The Keetch-Byram Drought Index list 160 (no change) counties with an average over 400.



Training

| DATES | | TITLE | COURSE | LOCATION |
|----------|----------|--|-------------------|----------------|
| 10/24/17 | 12/14/17 | Community Emergency Response Team (CERT) Course | G-317 | Laredo |
| 11/28/17 | 12/01/17 | NIMS ICS All-Hazards Operations Section Chief (OSC) Course | E/L-958 | Coppell |
| 11/29/17 | 11/29/17 | Disaster Accounting 101 (Module 4) | T-600.d | Galveston |
| 11/29/17 | 11/29/17 | HazMat Refresher Training | H-302 | Lewisville |
| 11/29/17 | 11/30/17 | Disaster Management for Water and Wastewater Utilities | MGT-343 | Progreso Lakes |
| 11/29/17 | 11/30/17 | Medical Preparedness and Response to Bombing Incidents | MGT-348 | Abilene |
| 11/29/17 | 11/30/17 | Medical Countermeasures: Points of Dispensing (POD), Planning and Response | MGT-319 | McAllen |
| 11/29/17 | 11/30/17 | Donations Management Course | G-288 | Desoto |
| 11/29/17 | 12/01/17 | Basic Public Information Officer Course(G290)/Public Information Officer Awareness Course(G289)/JIS/JIC Planning for Tribal, State, and Local PIOs(G291) | G-290/G-289/G-291 | Georgetown |

Exercises

| DATE(S) | | AGENCY/LOCATION | EXERCISE |
|----------|----------|----------------------------------|---|
| 11/29/17 | 11/29/17 | US Army Corps of Engineers/Wylie | Tabletop: Resident Drill for Lavon Lake Dam EAP |
| 11/30/17 | 11/30/17 | City of Palestine | Seminar: Civilian Active Shooter and Violent Encounter Response |